



# KENNEDY SPACE CENTER



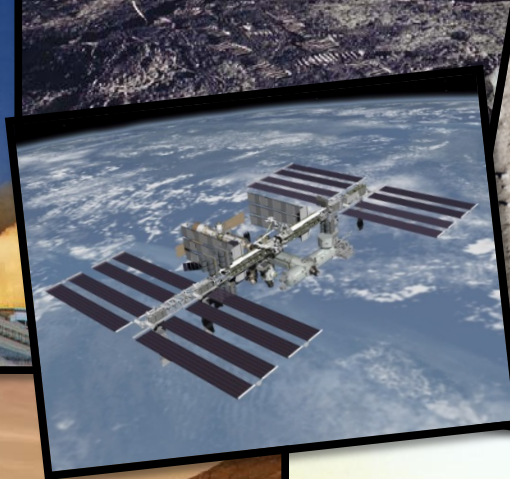
## Partnering With KSC

Center Planning and Development





# KSC's accomplishments over the years



National Aeronautics and Space Administration

## Celebrating KSC's 50th Anniversary



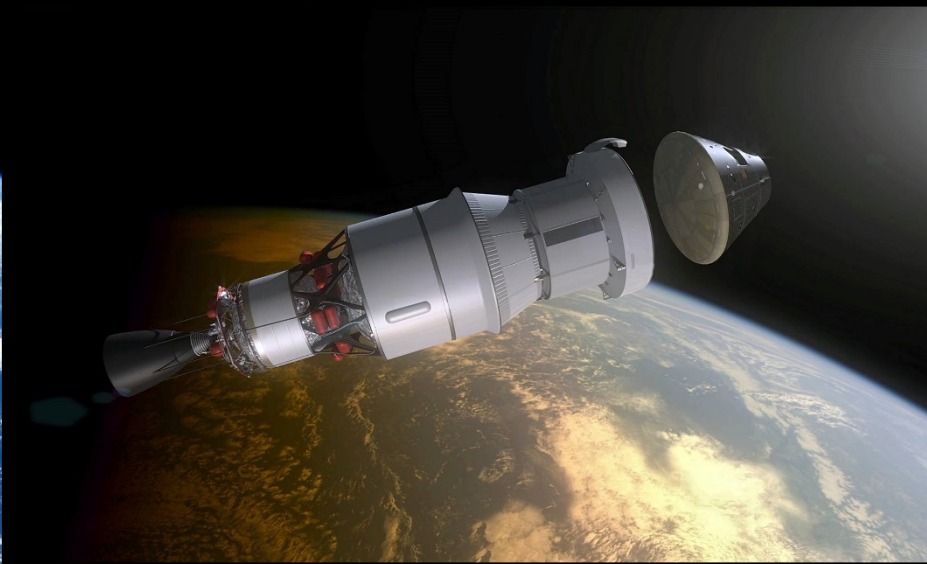
### Project Mercury

With their historic, first human space flight, the United States gained the first experience in conducting human space missions that provided scientific and engineering data that would be used in future space exploration. The first human space flight, Project Mercury, was launched on May 16, 1961. Alan Shepard's flight, Freedom 7, was the first of the Mercury program. Shepard's flight was the first of the Mercury program. Shepard's flight was the first of the Mercury program.



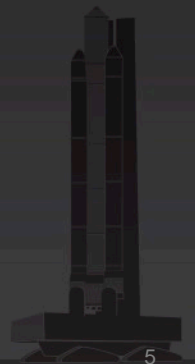


# And now... There's so much more!



## Did you know...?

**Kennedy Space Center is the world's preeminent launch complex for government and commercial space access, enabling the world to explore and work in space.**

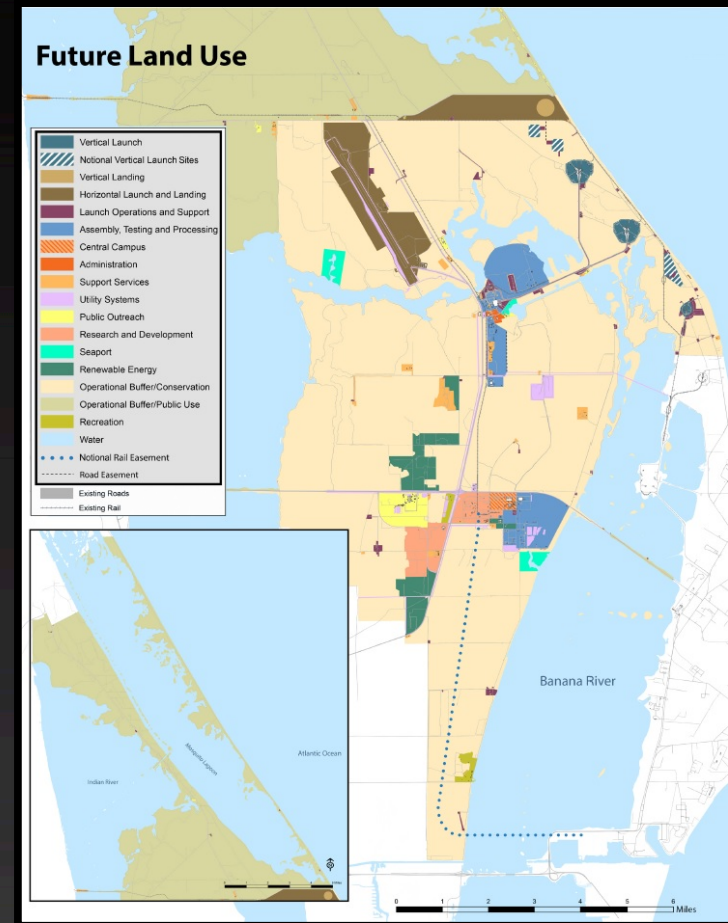




# How is KSC preparing for the future?

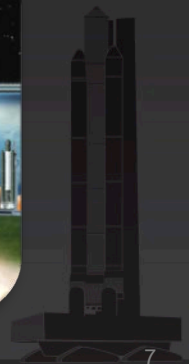
- ◆ By integrating non-NASA commercial industry through partnerships.
- ◆ Modifying policies and practices to support a multi-user spaceport on federal property.
- ◆ Executing a Master Plan that supports NASA program goals while facilitating the provision of excess capabilities and assets in support of non-NASA access to space.
- ◆ Supporting the expansion of the Center's five modes of access available – roads, rail, air, sea and space – to provide increased support for all users of the multi-user spaceport.

To learn more, visit: <http://masterplan.ksc.nasa.gov/>



## How is KSC preparing for the future?

- ◆ The Ground Systems Development and Operations Program (GSDO) is preparing Kennedy Space Center to process and launch the next generation of rockets and spacecraft in support of NASA's exploration objectives by developing the necessary ground systems, infrastructure and operational approaches.
- ◆ Some of the facilities already are being refurbished and modified for future use, most noticeably Launch Pad 39B.
- ◆ Currently, NASA is developing a heavy lift booster called the Space Launch System, or SLS, which will take astronauts farther into the solar system than ever before, continuing America's journey of discovery.
- ◆ A key aspect of the program's approach to long-term sustainability and affordability is to make processing and launch infrastructure available to commercial and other government customers.



# What does KSC offer to its partners?

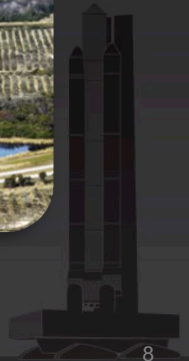
## Physical Assets

- ◆ KSC offers a variety of facilities that are uniquely suited to support launch and aerospace activities.
- ◆ The processing and launch infrastructure is available for use by commercial, non-profit and Government entities with a diverse array of needs and requirements.
- ◆ With 8,000 acres available for potential development, KSC offers the opportunity for construction of new facilities for organizations that could benefit from the proximity to the diverse expertise and resources of the center and its ever-expanding base of commercial space-related activities.



To learn more, visit:

<http://kscpartnerships.ksc.nasa.gov/Partnering-Opportunities/Capabilities-and-Testing/Physical-Assets>

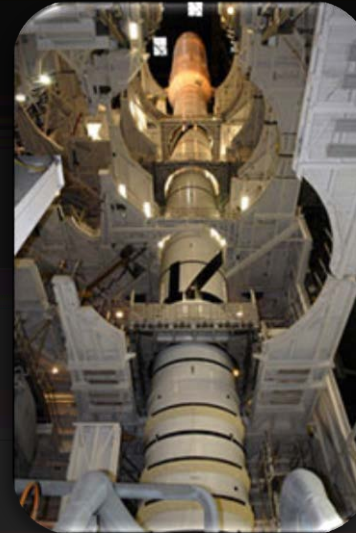




# What does KSC offer to its partners?

## Technical Capabilities

- ◆ Kennedy Space Center (KSC) offers a full range of technical support and expertise in design, assembly, processing, testing, transport and handling, integration, launch and recovery for human, expendable and reusable spacecraft.
- ◆ KSC's Small Payload Integrated Testing Services (SPLITS) is available to assist customers with end-to-end capabilities for successful development, testing, and launch of small payloads.
- ◆ The services required for these complex operations are diverse and broad, including modeling and simulations for command and control systems, a wide array of analysis, as well as many others.



To learn more, visit:

<http://kscpartnerships.ksc.nasa.gov/Partnering-Opportunities/Capabilities-and-Testing/Technical-Capabilities>



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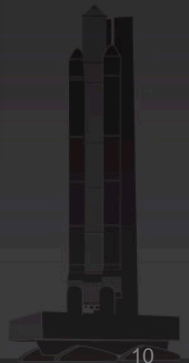
## Onsite Support Services

- ◆ A wide variety of support services are available to KSC partners that facilitate operations and ensure safety and health:
  - Security
  - Protected perimeter
  - Fire response
  - Medical response
- ◆ KSC maintains 24/7 protection through a dedicated law enforcement division and on-site fire/rescue operations, in addition to occupational health services and IT/Communications support.



To learn more, visit:

<http://kscpartnerships.ksc.nasa.gov/Partnering-Opportunities/Capabilities-and-Testing/Support-Services>



## Many have already taken the first step...

- ♦ As part of Kennedy Space Center's transition to a multi-user spaceport, KSC is expanding the opportunities and possibilities for future space activities and other innovative endeavors by partnering with several government, commercial and academic pioneers, such as:

- The Boeing Company
- Craig Technologies
- Florida Power and Light (FPL)
- Lockheed Martin
- Micro Aerospace Solutions (MAS)
- PaR Systems
- Sierra Nevada Corporation
- Space Florida
- SpaceX
- Starfighters
- University of Central Florida
- United Launch Alliance
- United Paradyne Corp.
- U.S. Air Force

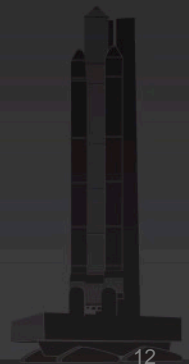




## Only at KSC

- ◆ Whether you want to launch spacecraft or engage in other aerospace-related activities, Kennedy Space Center (KSC) - with its unique facilities, proven technical capabilities and experienced workforce - can provide a partnership that will help you reach your goals.
- ◆ Nowhere else offers such a comprehensive range of resources in one place!

To learn more about partnering with KSC, visit: <http://kscpartnerships.ksc.nasa.gov/>



# Questions

